

CLAIMS

What is claimed is:

1. A display apparatus, comprising:
a base board in which a tuner-mounted video board and circuit components are electrically connected; and
a back case, connected to the base board and protecting the video board and the circuit components, the back case comprising
a main case covering the electronic circuit components, and
a sub-case detachably connected to the main case, mounted with the video board, and blocking electromagnetic interference between the video board and the electronic circuit components.
2. The display apparatus according to claim 1, wherein the sub-case comprises:
a shield plate combined with the main case and blocking electromagnetic interference between the video board and the electronic circuit components; and
a bracket terminal combined to the shield plate, preventing electromagnetic waves from the video board from leaking out.
3. The display apparatus according to claim 1, wherein the main case is provided with a docking area with which the sub-case is detachably combined.
4. The display apparatus according to claim 3, wherein the sub-case comprises:
a stand connection part, to which a stand is connected, allowing the sub-case to be detached from the main case, and remain in connection with the stand.
5. The display apparatus according to claim 2, wherein the main case is provided with a selectively opened docking area, with which the sub-case is detachably combined.
6. The display apparatus according to claim 5, wherein the sub-case further comprises:

a stand connection part, to which a stand is connected, allowing the sub-case to be detached from the docking area, and remain in connection with the stand.

7. The display apparatus according to claim 1, wherein the sub-case is combined to the main case, not to protrude from a rear of the main case, to provide a convenience for mounting the display apparatus on a wall.

8. A display apparatus, comprising:
a base board, on which a tuner-mounted video board and electronic circuit components are electrically connected to each other;
a main case connected to the base board;
a sub-case, detachably connected to the main case, that prevents electromagnetic interference between the video board and the electronic circuit components.

9. The display apparatus according to claim 8, wherein the video board is mounted on the sub-case.

10. The display apparatus according to claim 8, wherein of the sub-case and the main case, at least the sub-case is made of material that blocks electromagnetic waves.

11. The display apparatus according to claim 8, wherein the main case comprises:
a docking area detachably accommodating the sub-case.

12. The display apparatus according to claim 8, wherein the sub-case comprises:
a shield plate, detachably connected to the main case, and preventing electromagnetic interference between the video board and the electronic components; and
a bracket terminal, connected to the shield plate, and preventing leakage of electromagnetic waves from the video card.

13. The display apparatus according to claim 8, wherein:
the display apparatus further comprises a stand; and
the sub-case comprises a stand connection part, detachably connected to the stand, such that the sub-case can be detached from the main case and remain connected to the stand.

14. The display apparatus according to claim 8, wherein when the sub-case is connected to the main case, and the sub-case does not protrude from the main case, to provide a convenience for mounting the display apparatus on a wall.

15. A video board connecting device for a display apparatus, including a main case, a video board, and electronic circuit components, the connecting device comprising:

a sub-case, housing the video board, detachably flush mounting to the main case to provide a convenience for mounting the display apparatus on a wall, electrically connecting the video board to the electronic circuit components, and preventing electromagnetic interference between the video board and the electronic circuit components.